

Appl. No. 10/017,852
Amendment Dated 10/24/2005
Reply to Office Action of August 23, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method to provide an audio bridge, comprising:
receiving a request to create an audio bridge session over a packet network
between a plurality of call terminals from one of said plurality of call terminals;
designating determining whether an access number associated with ~~at least one of~~
said one of said plurality of call terminals ~~participating in said audio bridge session as is~~ a
bridge number; and
creating said audio bridge session between said plurality of call terminals in
accordance with using said access number determination.
2. (Original) The method of claim 1, wherein said access number is a telephone
number.
3. (Original) The method of claim 1, wherein said creating comprises:
receiving a plurality of call requests with said access number;
determining whether said access number is a bridge number using a bridge table;
establishing a call connection for each call request if said access number is said
bridge number; and

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combining each call connection to form said audio bridge session.

4. (Original) The method of claim 3, wherein said combining comprises:

receiving a stream of packets representing audio information over each call connection;

directing each stream of packets to an intermediate device; and

mixing said streams of packets.

5. (Original) The method of claim 1, wherein said packet network operates in accordance with a Transport Control Protocol (TCP), Internet Protocol (IP) and H.323 Specification.

6. (Previously Amended) A method to form an audio bridge over a packet network, comprising:

receiving a call request to form a first call connection between a first call terminal and a second call terminal using an access number for said second call terminal;

establishing said first call connection;

receiving a call request to form a second call connection between a third call terminal and said second call terminal;

determining whether said access number is a bridge number;

creating an audio bridge session in accordance with said determination; and

designating an access number associated with at least one of said first, second, and third call terminals participating in said audio bridge session as said bridge number.

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7. (Original) The method of claim 6, wherein said determining comprises:
searching a bridge table for said access number; and
determining whether said access number is identified as a bridge number using
information stored in said bridge table.
8. (Original) The method of claim 6, wherein said creating comprises:
receiving a first stream of packets over said first call connection;
transferring said first stream of packets to a multi-point control unit;
establishing said second call connection;
receiving a second stream of packets over said second call connection;
transferring said second stream of packets to said multi-point control unit; and
mixing said first stream of packets and said second stream of packets.
9. (Original) The method of claim 8, wherein said streams of packets represent
audio information.
10. (Previously Amended) An audio bridge system, comprising:
a gateway to convert audio information to packets;
a gatekeeper connected to said gateway, said gatekeeper having a bridge table,
said bridge table having an access number for a call terminal and information indicating
whether said access number is also a bridge number; and

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a multi-point control unit (MCU) connected to said gatekeeper and said gateway to form an audio bridge session using said access number and packets received from said gateway, said gatekeeper to use said access number of said call terminal as a bridge number designated by said call terminal participating in said audio bridge session.

11. (Original) The audio bridge system of claim 10, wherein said packets are formed in accordance with the Transport Control Protocol (TCP), Internet Protocol (IP) and H.323 protocol.

12. (Original) The audio bridge system of claim 10, further comprising an internal gateway connected to said MCU to convert said packets to audio information.

13. (Original) The audio bridge system of claim 10, wherein said gatekeeper further comprises a user interface to modify said bridge table.

14. (Currently Amended) An article comprising:

a storage medium;

said storage medium including stored instructions that, when executed by a processor, result in providing an audio bridge by receiving a request to create an audio bridge session over a packet network between a plurality of call terminals from one of said plurality of call terminals, designating determining whether an access number associated with ~~at least one of~~ said one of said plurality of call terminals ~~participating in said audio bridge session as is~~ a bridge number, and creating said audio bridge session

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between said plurality of call terminals in accordance with using said access number determination.

15. (Original) The article of claim 14, wherein the stored instructions, when executed by a processor, further result in said creating by receiving a plurality of call requests with said access number, determining whether said access number is a bridge number using a bridge table, establishing a call connection for each call request if said access number is said bridge number, and combining each call connection to form said audio bridge session.

16. (Original) The article of claim 15, wherein the stored instructions, when executed by a processor, further result in said combining by receiving a stream of packets representing audio information over each call connection, directing each stream of packets to an intermediate device, and mixing said streams of packets.

17. (Previously Amended) An article comprising:

a storage medium;

said storage medium including stored instructions that, when executed by a processor, result in forming an audio bridge over a packet network by receiving a call request to form a first call connection between a first call terminal and a second call terminal using an access number for said second call terminal, establishing said first call connection, receiving a call request to form a second call connection between a third call terminal and said second call terminal, determining whether said access number is a bridge number,

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and creating an audio bridge session in accordance with said determination, and designating an access number associated with at least one of said first, second, and third call terminals participating in said audio bridge session as said bridge number.

18. (Original) The article of claim 17, wherein the stored instructions, when executed by a processor, further result in said determining by searching a bridge table for said access number, and determining whether said access number is identified as a bridge number using information stored in said bridge table.

19. (Original) The article of claim 17, wherein the stored instructions, when executed by a processor, further result in said creating by receiving a first stream of packets over said first call connection, transferring said first stream of packets to a multi-point control unit, establishing said second call connection, receiving a second stream of packets over said second call connection, transferring said second stream of packets to said multi-point control unit, and mixing said first stream of packets and said second stream of packets.